

DDA 76-1484

23 March 1976

STATINTL MEMORANDUM FOR: [REDACTED]  
DDS&T/RD&ESTATINTL FROM : [REDACTED] Executive Officer,  
Deputy Director for AdministrationSUBJECT : DDS&T/RD&E Projects Related to DDA  
Requirements

Marty:

STATINTL 1. I am forwarding the DDA office comments concerning DDS&amp;T/RD&amp;E. Note [REDACTED] memo to the selected offices requesting specific information regarding the DDS&amp;T projects.

2. I am forwarding these in full since they contain no vitriolic statements. I think it might be worthwhile to you to know how our offices feel about our relationships with certain DDS&amp;T offices concerning R&amp;D efforts. I would hope you would keep these somewhat closely held since the offices, particularly Security and Commo, are quite honest about the various projects.

[REDACTED] STATINTL

Attachment

## Distribution:

Orig - Addressee w/att  
1 - DDA Subject  
1 - DDA Chrono  
1 - RFZ Chrono w/o att

Attachments: Copy of: DDA 76-0845, 76-1356, 76-1323,  
76-0894, 76-1485, 76-1486.E2 IMPDET  
CL BY 009568

## OFFICIAL ROUTING SLIP

TO	NAME AND ADDRESS	DATE	INITIALS
1	ADDA	24 MAR 1976	<i>[Signature]</i>
2			
3			
4			
5			
6			
ACTION	DIRECT REPLY	PREPARE REPLY	
APPROVAL	DISPATCH	RECOMMENDATION	
COMMENT	FILE	RETURN	
CONCURRENCE	INFORMATION	SIGNATURE	

## Remarks:

STATINTL

I see no reason why these comments cannot be submitted to [REDACTED]. In fact, I am not sure that the actual papers from DDA offices could not be made available to him. In those areas where relationships might not be good, this might be a good time to improve them.

I get the impression from Marty that he is sincerely interested in bringing this RD&E business into clearer focus with no vested interest.

Over

FOLD HERE TO RETURN TO SENDER		
FROM: NAME, ADDRESS AND PHONE NO.		DATE
[REDACTED], EO-DDA		23 Mar
UNCLASSIFIED	CONFIDENTIAL	SECRET

STATINTL

FORM NO. 237 Use previous editions  
1-67 (40)

SENDER WILL CHECK CLASSIFICATION TOP AND BOTTOM  
UNCLASSIFIED CONFIDENTIAL SECRET**OFFICIAL ROUTING SLIP**

TO	NAME AND ADDRESS		DATE	INITIALS
1	ADDA			
2	DDA			
3				
4				
5				
6				
	ACTION	DIRECT REPLY	PREPARE REPLY	
	APPROVAL	DISPATCH	RECOMMENDATION	
	COMMENT	FILE	RETURN	
	CONCURRENCE	INFORMATION	SIGNATURE	

**Remarks:**

Attached are the Office supergrade reviews. Justifications for upgrading are included, although in some cases in far more detail than in others.

Incidentally, this review concerns supergrades, not SPS positions. OJCS is asking for two additional SPS positions, therefore I included them in this summary. DDA now has a total of four SPS positions: 1. OJCS; 2. OMS Headquarters; 1. OMS overseas

STATINTL

STATINTL

FOLD HERE TO RETURN TO SENDER		
FROM: NAME, ADDRESS AND PHONE NO.		DATE
[REDACTED] EO-DDA		17 Mar
UNCLASSIFIED	CONFIDENTIAL	SECRET

FORM NO. 237 Use previous editions  
1-67

(40)

Approved For Release 2001/04/05 : CIA-RDP79-00498A000300140009-5

SECRET

ADD3P04600945

File O + M

DD/A 76-~~0844~~  
0845

24 FEB 1976

MEMORANDUM FOR: Director of Communications  
Director of Joint Computer Support  
Director of Medical Services  
Director of Security  
Chief, ISAS

25X1A FROM : [REDACTED] AR-DD/A  
SUBJECT : DDS&T Research, Development and Engineering  
Projects Related to DD/A Requirements

1. Attached are papers describing various DDS&T projects which have been initiated on behalf of, or at the request of, your component during the current fiscal year. There are also included for your information project descriptions which may be of interest to your Office as a consumer. A notebook containing project descriptions for the entire Administration Directorate is available for review in the DD/A Plans Staff.

2. For Mr. Blake's information would you please answer the following questions regarding the DDS&T projects initiated by or for you:

- a) Is this something you asked for from DDS&T?
- b) Did they suggest the project?
- c) What is the continuing interface you have with SGT on the project?
- d) What is your Office's reaction to the efficacy of the interface?

Responses should be forwarded through my Office.

ILLEGIB

25X1A

623  
THE CATHOLIC ATTITUDE

Assistant for Resources, DD/A

Downgrade to Admin-  
Internal Use Only  
when separated fr  
Attachment

~~SECRET~~

E2 IMPDET  
CL BY 059687

ILLEGIB

Approved For Release 2001/04/05 : CIA-RDP79-00498A000300040009-5

Approved For Release 2001/04/05 : CIA-RDP79-00498A000300040009-5

~~SECRET~~

Approved For Release 2001/04/05 : CIA-RDP79-00498A000300040009-5  
76-356

OC-M-76-157  
17 MAR 1976

MEMORANDUM FOR: Assistant for Resources, DDA  
25X1A FROM : [REDACTED]  
Acting Director of Communications  
SUBJECT : DDS&T Research, Development and  
Engineering Projects Related to  
DDA Requirements  
REFERENCE : DD/A 76-<sup>0845</sup>0485

1. The attached data is forwarded in response to the reference.
2. In addition to the projects forwarded under cover of the reference, our records indicate that the following R&D projects should be included in the listings:
  - a. System: Communications Center Power Source. This project was requested under OC-M-75-124, dated 5 March 1975, copy attached. No interface on this subject has been established to date.
  - b. System: Solid State image sensor. This project was requested under OC-M-76-044 dated 22 January 1976, copy attached. OC assumes this program will be incorporated under Lab Instrumentation.

25X1A

Attachment:  
Background Information

E2 IMPDET  
CL BY 059007

Approved For Release 2001/04/05 : CIA-RDP79-00498A000300040009-5

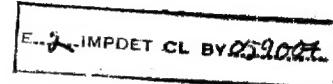
IV. ACTIVITY: CLANDESTINE OPERATIONS/COVERT COMMUNICATIONS

PROGRAM: AGENT COMMUNICATIONS PROGRAM

SYSTEM: SATELLITE COMMUNICATOR

- a) Yes, OC submitted this requirement
- b) They did not suggest this project
- c) Very little effort has been put into this project to date. Contact has been limited to only two meetings with the project engineers. The broad design goals have been discussed by OD&E/OC program managers. OC has provided technical specifications of the GCS equipment to the OD&E program manager.
- d) It is difficult to determine if interface problems will occur on this program because of the stage of development.

~~SECRET~~



~~SECRET~~

2. ACTIVITY: CLANDESTINE OPERATIONS/COVERT COMMUNICATIONS

PROGRAM: ELECTROMAGNETIC TECHNOLOGY PROGRAM

SYSTEM: TELEPHONE EXPLOITATION

- a) OC did not request this project. It is very similar to a telephone system which we requested.

- b) through d) not applicable

AGENT COMMO

- a) OC did not request this project
- b) through d) not applicable

ADAPTIVE ANTENNA

- a) Yes, OC requested this project
- b) No, they did not suggest the project
- c) There has been no interface. We have heard nothing on this project since its submission.
- d) We have no ability to influence this project since there is no interface.

~~SECRET~~

SECRET

3. ACTIVITY: CLANDESTINE OPERATIONS/COVERT COMMUNICATIONS

PROGRAM: ELECTROMAGNETIC COVERT COMMO PROGRAM

SYSTEM: NOC DOCUMENT TRANSFER

- a) Yes, OC requested this project
- b) No, they did not suggest it
- c) The appropriate CED program managers are briefed by the OTS project officers when significant events occur
- d) The interface is working reasonably well on this project

SECRET

~~SECRET~~SYSTEM: ~~COVERT~~ TELEPHONE SYSTEMS

- a) Yes, OC requested this project
- b) No they did not suggest it
- c) The project is just getting underway.  
Interface appears as if it will be good
- d) We believe we will be able to effect the direction of this project within the normal interface arrangements

## AGENT DOCUMENT TRANSFER

- a) Yes, OC requested this project
- b) We suggested the project but they suggested the direction that the development should take
- c) Minimum interface has been necessary up to this point
- d) Not applicable because of item c)

25X1A

- [REDACTED]
- a) Yes, OC requested this project
- b) No they did not suggest it
- c) The interface has been excellent on this project. The OTS project officer averages once per week on briefing the OC program manager
- d) The interface on this project is close enough that direction of the development can be influenced by OC

~~SECRET~~

SECRET

3 (Continued)

SIGNALLING SYSTEM

- a) Yes, OC requested this project
- b) No, they did not suggest it
- c) Weekly briefings by the project officer  
are common
- d) The interface is good. We have reasonable  
effect

SECRET

SECRET

4. ACTIVITY: CLANDESTINE OPERATIONS/COVERT COMMUNICATIONS  
PROGRAM: SATELLITE APPLICATIONS

SYSTEM: SATELLITE COMMO EXPLOITATION

- a) OC did not submit this project
- b) through d) not applicable

SECRET

SECRET

5. ACTIVITY: CLANDESTINE OPERATIONS/TECHNICAL SURVEILLANCE  
PROGRAM: AUDIO SURVEILLANCE PROGRAM  
SYSTEM: TELECOMMUNICATIONS SIGNALLING

- a) OC did not request this project. We do have an interest in the outcome of this effort.
- b) through d) Not applicable

SECRET

6. ACTIVITY: COMSEC

PROGRAM: COMMUNICATIONS SECURITY

SYSTEM: OPTICAL COUPLING

- a) OC initiated the action
- b) No
- c) Limited
- d) Satisfactory but the interface could be improved by more frequent feedback on interim status of the project

REMARKS: Phase I of the requirement has been completed.

~~SECRET~~

~~SECRET~~

Approved For Release 2001/04/05 : CIA-RDP79-00498A000300040009-5

7. ACTIVITY: PROCESSING AND EXPLOITATION

PROGRAM: SIGNAL PRE-PROCESSING

SYSTEM: ADVANCED COMPRESSION

- a) OC did not submit this project
- b) through d) not applicable

~~SECRET~~

Approved For Release 2001/04/05 : CIA-RDP79-00498A000300040009-5

~~SECRET~~

Approved For Release 2001/04/05 : CIA-RDP79-00498A000300040009-5

8. ACTIVITY: SECURITY/PHYSICAL SECURITY

PROGRAM: PHYSICAL PROTECTION AND MATERIALS DESTRUCTION  
SYSTEMS:

25X1A

1. [REDACTED] /Manipulation Proof Lock
2. Package Security
3. RF Alarm Link (originally included in  
Technical Surveillance  
C/M program)
4. Life Support Systems
5. General Support

✓REMARKS: Entire Program is OS sponsored, however,  
OC has an interest in these activities  
since they have bearing on communications  
facilities.

- a) No
- b) OS suggested
- c) OC has no direct interface; all coordination  
is through OS
- d) Interface is satisfactory at this stage

~~SECRET~~

Approved For Release 2001/04/05 : CIA-RDP79-00498A000300040009-5

~~SECRET~~

Approved For Release 2001/04/05 : CIA-RDP79-00498A000300040009-5

9. ACTIVITY: SECURITY/COMSEC

PROGRAM: COMMUNICATIONS SECURITY

SYSTEMS:

1. Flooding Assessment
2. Field Instrumentation
3. Laboratory Instrumentation
4. Advanced Systems and concepts

REMARKS: Systems 2, 3 and 4 are broad areas of interest identified to ORD by OC. System #1, Flooding Assessment was identified as a sub-category of System #4, Advanced Systems and Concepts. However, a recent decision was made by OC to cancel any future effort in this area.

- a) Yes
- b) No, OC suggested
- c) Present liaison is with one OD&E individual who usually provides monthly status report.
- d) Adequate

~~SECRET~~

Approved For Release 2001/04/05 : CIA-RDP79-00498A000300040009-5

~~SECRET~~

Approved For Release 2001/04/05 : CIA-RDP79-00498A000300040009-5

10. ACTIVITY: ANALYTICAL METHODOLOGY/EXPLORATORY TECHNIQUES

PROGRAM: TECHNIQUES RESEARCH

~~SYSTEMS:~~

1. Heuristic/Research Program Plan
2. Methodology Consultants
3. Presentational Means
4. Methodology Symposia
  - a) OC did not submit this project
  - b) through d) not applicable

~~SECRET~~

Approved For Release 2001/04/05 : CIA-RDP79-00498A000300040009-5

~~SECRET~~

Approved For Release 2001/04/05 : CIA-RDP79-00498A000300040009-5

11. ACTIVITY: TECHICAL COLLECTION/ELINT

PROGRAM:

SYSTEM

25X1A

a) Yes, OC participated in stating the requirement  
to produce an improved [REDACTED] system 25X1A

b) The direction of this program was influenced  
greatly by OD&E in conjunction with OEL, OTS,  
OWI and DDO requirements

c) The project manager interfaced with the  
designated OC representative on a weekly basis

d) The Office of Communications is only one  
25X1A customer using the [REDACTED] system. As a result,  
we have limited influence on the overall direction  
of this program

~~SECRET~~

Approved For Release 2001/04/05 : CIA-RDP79-00498A000300040009-5

SECRET

12. ACTIVITY: MULTIPURPOSE RD&E/MICROELECTRONICS

PROGRAM: MICROPOWER PROGRAM

SYSTEM: MICROPOWER TRANSISTORS

- a) Yes, OC submitted a project very similar to this.  
A low voltage high-power RF transistor development  
was requested
- b) No, they did not suggest the project as we  
originally submitted it
- c) Minimum interface required
- d) Satisfactory at this stage

SECRET

OJCS 544-76  
15 MAR 1976

MEMORANDUM FOR: Deputy Director for Administration

FROM : Harry E. Fitzwater  
Director of Joint Computer Support

VIA : Assistant for Resources, DD/A

SUBJECT : DDS&T Research, Development and Engineering  
Projects Related to DD/A Requirements

REFERENCE : Memo to D/OJCS fm AR-DD/A (DD/A 76-0485),  
dtd 24 February 1976, Same Subject

1. Reference memorandum had attached to it papers describing various DDS&T projects. Those which were initiated on behalf of, or at the request of, OJCS are listed below:

<u>Project</u>	<u>Initiated by</u>
Bus Commo Network	ORD
Advanced Tech Seminars	OJCS
Minicomputer DMS	OJCS

2. I believe the remaining questions in reference are best answered by briefly describing our interface with ORD. OJCS has a close working relationship with ORD, formalized through an OJCS/ORD Coordinating Committee chaired by Mr. [REDACTED] Deputy STATINTL Chief, Systems Engineering Division. Monthly meetings, attended by interested personnel in OJCS and ORD, are held to review the progress of projects of interest to OJCS. OJCS is also represented on the steering committee of various RD&E projects. We have found this to be a highly satisfactory arrangement.

3. With regard to the initiation and selection of RD&E projects of interest to OJCS, the following procedure has been followed for the past two years. Each year ORD gives OJCS a list and a description of current and proposed projects. [REDACTED] forms STATINTL a working group to review these projects and suggest additional projects. The results of this working group are forwarded to OJCS Division and Staff Chiefs for discussion and ranking. Finally, Director, OJCS forwards a composite ranking to Director, ORD, along with comments on selected projects. A copy of this year's memorandum is attached.

4. I am confident that we have a viable and effective relationship with ORD and we are receiving proper RD&E support for our activities.



HARRY E. FITZWATER

STATINTL

Att

Distribution:

Orig & 1 - Addressee  
1 - AR-DD/A  
1 - OJCS Registry  
2 - O/D/OJCS

OJCS-302-76  
24 FEB 1976

MEMORANDUM FOR: Director of Research and Development

SUBJECT : FY77-78 Planning for Research and Exploratory Development

REFERENCE : Your Memo, ORD#5115-75, dated 5 Dec 75, Same Subject

Urgent U. TYPED

1. In accordance with procedures outlined in the referenced memorandum, this Office has undertaken a review of requirements for support by the Office of Research and Development for FY77-78. Over thirty current and new projects were reviewed in detail by an OJCS task team and the OJCS management.

2. The attached list of twenty-two projects, which is submitted here for consideration in your FY77 program call, represents the OJCS ranking of projects which have been proposed by OJCS personnel or have been suggested by members of your Data Processing Research and Development Division. Our jointly produced proposals are also attached. Although we have ranked a great number of proposals, we expect that your resources will only permit you to address a few of the higher priority projects.

3. The ranking of these projects has been influenced by our perception of the overall usefulness of these projects to the OJCS mission and our estimate of the appropriateness of ORD involvement in these activities. The security assessment projects, which are of great interest to OJCS, have been ranked low because we feel that security assessment falls within the scope of the Office of Security. Other projects were ranked low because we felt that they should be performed within OJCS.

4. In addition to those projects which have been ranked, we would like to express our continuing interest in projects which you may be undertaking in FY77 on behalf of other offices. Projects dealing with Computer Support to Field Stations, Interactive Cartographic Systems and Geographic Inference-Making Aids all involve OJCS to a great extent and we would expect to contribute manpower resources to these projects for both implementation and project review. We have an especially high interest in the Minicomputer Data Base Management Project

which has been underway jointly in our two offices. We would, of course, wish to remain well informed of other computer related activities, such as the proposed project dealing with Voice Input to Computers.

5. We look forward to the continued support of ORD to our activities. If you require further information on these subjects, please contact [REDACTED] of the Systems Engineering Division, Extension 4311.

STATINTL

3. Advanced Computer Techn.

STATINTL

4. Hardware Implemented Te

HARRY E. FITZWATER

5. Remote Page Viewing Director of Joint Computer Support

Attachments: A/S Digital Data

Distribution: JCS/JCS Facilities for General Use

Orig. + 1 - Addressee

8. Mass 2 - O/D/OJCS

1 - OJCS Registry

9. Optical - [REDACTED] Edition

1 - SED Chrono

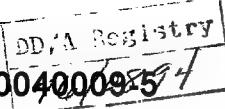
STATINTL

SED/OJCS/[REDACTED] cp:4311/2-13-76

STATINTL

OJCS RANKING OF PROPOSED ORD PROJECTS

1. Wide Band Communications
2. Next Generation DBMS
3. Advanced Computer Technology Seminars
4. Hardware Implemented Text Search
5. Remote Page Viewing
6. Archiving of Digital Data
7. Text Production Facilities for General Use
8. Mass Storage Study
9. Optical Character Recognition
10. User Authentication
11. Custom Microprogramming
12. GIM Security Assessment
13. Text Analysis Techniques
14. VM/370 Security Assessment
15. Personal File Processing
16. Multi-System Terminal Access
17. APL Enhancement
18. Advanced Terminal Experiment
19. System Development Methodology
20. Programmer Productivity
21. Interactive Terminal Human Factors Survey
22. COINS Interface



25 February 1976

MEMORANDUM FOR: Assistant for Resources, DD/A

SUBJECT : Coordination of RD&amp;E Program

REFERENCES : a. DDS&T 908-76, dated 20 Feb 76,  
Subject: Coordination of RD&E  
Program  
b. DD/A 76-0485, dated 24 Feb 76,  
Subject: DDS&T Research, Develop-  
ment and Engineering Projects  
Related to DD/A Requirements

1. Per REF A, you will find attached our formal requirements to ORD which have been fully coordinated with them and incorporated in their program.

2. Per REF B, the four projects which we requested were mutually arrived at with DDS&T. I am the focal point with ORD for OMS and each of the projects which we have an interest in are being followed by one of our staff officers. Generally speaking, we believe ORD has been responsive to our requirements within the funds available to them.

3. With reference to the specific projects attached to REF B, we have no formal requirement for OTS 4099 but have an interest in any data which may come from that project. We have no requirement for ORD 7414 in its present form. We do have the problem of developing a stand alone secure computer system but their approach does not appear to be compatible with our needs. We do have a requirement for ORD 8315 which is included in the attachment.

4. Please let me know if you need any further information on this matter.

[REDACTED] 25X1A

[REDACTED] 25X1A

Deputy Director of Medical Services

Attachment

CIA BY: 017444

CIA

21 December 1976

11 December 1975

MEMORANDUM FOR: Director of Research and Development  
SUBJECT : FY 77-78 Planning for Research and Exploratory Development  
REFERENCE : Your memorandum (ORD 5115-75), undated, same subject

1. On 10 December [REDACTED] and I met to review ORD's current activities which may relate to the Office of Medical Services. This is to advise you that OMS would like to have ORD continue to pursue computer interpretation techniques relating to EKG's, and hope that this year you will be able to undertake a program on the analysis of human effluents. These two programs were included in our FY 75-77 requirements. We also hope that you will continue to survey the general field of parapsychology in order to take advantage of any "targets of opportunity" to assure ourselves that we know what is going on in the field and are not surprised by new developments if any. Although we will not be a direct prime consumer of the program being initiated by [REDACTED] we are most interested in this effort and do foresee the possibility that results from this investigation can be directly applied to our ongoing responsibilities [REDACTED]

25X1A

25X1A

25X1A

25X1A

2. I have been designated the OMS representative for the purpose of coordinating research and exploratory development requirements.

Signed

[REDACTED]  
Deputy Director of Medical Services

25X1A

CL BY: 013444

31 December 1983

25X1A

Approved For Release 2001/04/05 : CIA-RDP79-00498A000300040009-5

Next 5 Page(s) In Document Exempt

Approved For Release 2001/04/05 : CIA-RDP79-00498A000300040009-5

**CONFIDENTIAL**

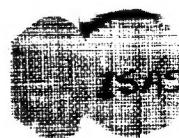
Approved For Release 2001/04/05 : CIA-RDP79-00498A000300040009-5

3 MAR 1976

MEMORANDUM FOR: Assistant for Resources, DD/A

SUBJECT : DDS&T Research, Development and Engineering Projects  
Related to DD/A Requirements

REFERENCE : Memo to D/CO, D/OJCS, D/OMS, D/Sec, C/ISAS, from AR/DDA,  
dtd. 24 Feb. 76, same subj.



1. In responding to Mr. Blake's specific questions in paragraph 2 of reference, please be advised as follows.

2. The Updatable Microfiche System (UMS) was initially developed under OTS auspices [REDACTED]. In August 1974 ISAS informed the Director of Technical Service through the DDA (copy attached) that the technology represented by UMS could indeed have wide application across the Agency [REDACTED] solving certain information handling problems. Based on this supportive statement, the Director of Technical Service approved the "final" contract in FY-75 of \$67,000 to bring to fruition three prototype UMS systems. The DDA now has two of those systems and OTS has one.

25X1C

3. The Micrographics Program Branch has continuing dialogue with the OTS component responsible for UMS development. It is anticipated that during FY-76 ISAS funds in the amount of \$13,300 will be obligated for upgrading the two prototype systems to full production models. One will be retained in the MPB static display for demonstration purposes, and the other will be deployed into a DDA office environment for live test and experimentation. C/MPB is very enthusiastic about the potential of the system for meeting certain information handling problems, particularly in small office environments, and is perfectly satisfied with the coordination that has taken place and believes the interface between the two components is natural and healthy.



25X1A

25X1A

Chief, Information Systems Analysis Staff

Attachment: a/s

E2 IMPDET  
CL BY: 024976

**CONFIDENTIAL**

Approved For Release 2001/04/05 : CIA-RDP79-00498A000300040009-5

~~CONFIDENTIAL~~

Approved For Release 2001/04/05 : CIA-RDP79-00498A000300040009-5

22 AUG 1974

MEMORANDUM FOR: Director of Technical Service

THROUGH : Deputy Director for Administration

SUBJECT : Updating Microfiche System

1. This is to document our interest in the Updating Microfiche System (UMS) developed [REDACTED] under contract to your office and at the same time request your assistance in sponsoring the development of a unique microfiche reader-printer and a microfiche duplicator. Such equipment is integral to the ultimate UMS to be evaluated by the Microfilm Programs Branch (MPB) of this Staff.

25X1A

2. The fact that the camera-processor in UMS uses a recording medium (Photoplastic Film--PPF) insensitive to ambient light, while at the same time permits updating (annotating, erasing, replacing, etc.) makes the UMS a very attractive, active information handling tool for the small office environment. Its nearest competitor, we are advised, is the Scott System 200 still under development, but not necessarily designed for the small office since it weighs over 900 pounds and will cost in the neighborhood of \$20,000.

3. Initially UMS developmental effort produced two prototype systems which are currently being tested and evaluated in the Agency--one in OTS and one in MPB. The prototype presently is composed of a camera-processor and a specially designed microfiche reader. However, to make UMS more adaptable and acceptable to across-the-board users in the Agency, the system must have a capability of producing hard copy from the microfiche on one hand to reproducing duplicate fiche on the other. The proposal for the development of such equipment--a microfiche reader-printer and a microfiche duplicator--has been delivered [REDACTED] to Mr. Jeffrey

25X1A

25X1A

[REDACTED] OTS Project Engineer.

4. As indicated, one UMS prototype was delivered to MPB for review and evaluation. In addition, MPB has sponsored various demonstrations of the system to various Agency components from all four Directorates. Such demonstrations will continue during the next few weeks until the prototype is delivered to OWI/DDS&T for intensive testing in a live application which should endure several months.

E2 IMPDET  
CL BY: 024976

~~CONFIDENTIAL~~

Approved For Release 2001/04/05 : CIA-RDP79-00498A000300040009-5

~~CONFIDENTIAL~~

Approved For Release 2001/04/05 : CIA-RDP79-00498A000300040009-5

-2-

The resultant feedback from this experience should be helpful in suggesting design changes in any future production models of this system if any prospective customers in the Agency are located.

5. MPB has voiced its practical, non-technical, opinions regarding the "marketability" of the system to both [redacted] representatives as well as the OIS project engineers. Aside from underscoring the necessity for the additional equipment requested herein, MPB also feels additional readers would be desirable so that a proper evaluation of UMS might be made in a real office environment rather than in a laboratory situation. Traditional microfiche systems derive their greatest advantage when multiple users are furnished "copies" of a data base which is maintained at a central location and then duplicated and distributed economically to users who have their own reader equipment. Therefore, an additional three readers would enable MPB to consider more broadly other applications for UMS in the Agency. If these additional readers can be built within the funding resources available to this project, MPB recommends that the next generation reader be a front projection one similar to the Mini-Cat microfiche reader presently being stocked by the Agency. The development of this new reader would go far toward strengthening the overall impact and effectiveness of the system on would be Agency users.

25X1A

6. The [redacted] proposal for the development of a microfiche duplicator stipulates that two duplicators would be developed, i.e. one using liquid chemistry for the traditional wet processing of the film and the other a completely dry system. MPB feels the dry duplicator only would be sufficient to enable us to evaluate the total system at a later date. While PPF does not meet the American National Standards Institute specifications for archival film, the duplicator would, however, provide a user the capability of converting his PPF fiche into conventional fiche to meet any long-term storage requirements for the data.

25X1A

7. The technical bugs observed in the PPF recording medium and a few in the camera-processor probably will be resolved in due course. Nevertheless, UMS should be attractive to those Agency components involved in maintaining active and often voluminous individual analyst files, the general characteristics of which require daily updating and personalized indexing by the analyst concerned. This system would permit various analysts to maintain their own personal "shoeboxes" in a most compact manner and at the same time provide for the economical duplication of the file for distribution to other interested analysts whether they be on another shift or in another office. There has been no attempt to "survey

~~CONFIDENTIAL~~

Approved For Release 2001/04/05 : CIA-RDP79-00498A000300040009-5

-3-

the market" in the Agency to determine a specific number of would be users; MPB feels strongly that once a complete system is packaged and made available to individual components for a live test in their own environment, this system should win many customers on its own merits--speed of recording, compact storage, economical duplication, easy retrieval, etc.

8. Please feel free to contact [REDACTED] Chief, Microfilm Programs Branch on extension 2761 for any additional information you may require.

25X1A

15/

25X1A

Acting Chief  
Information Systems Analysis Staff

Attachment:

25X1A

[REDACTED]

CONFIDENTIAL